

AMENDMENT NO. 2 JANUARY 2019
TO
IS 2039 (PART 1 TO 3) : 1991 STEEL TUBES FOR
BICYCLE AND CYCLE RICKSHAWS — SPECIFICATION

(Second Revision)

(Page 1, clause 2) — Substitute the following for the existing clause:

2 REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below;

<i>IS No.</i>	<i>Title</i>
228 (All part)	Methods of chemical analysis of iron
1387 : 1993	General requirements for the supply of metallurgical materials (<i>second revision</i>)
1608 (Part 1) : 2018/ ISO 6892-1 : 2016	Metallic materials — Tensile testing : Part 1 Method of test at room temperature (<i>fourth revision</i>)
2328 : 2018/ ISO 8492 : 2013	Metallic materials — Tube — Flattening test (<i>third revision</i>)
2335 : 2005/ ISO 8493 : 1998	Metallic materials — Tube — Drift expanding test (<i>second revision</i>)

(Page 1, clause **3.1**, line 3) — Substitute ‘IS 1387’ for ‘IS 1387 : 1983’.

(Page 2, clause **8.1**, line 2) — Substitute ‘IS 1608 (Part 1)’ for ‘IS 1894 : 1972’.

(Page 2, clause **8.2**, line 2) — Substitute ‘IS 2335’ for ‘IS 2335 : 1985’.

(Page 2, clause **8.3**, line 3) — Substitute ‘IS 2328’ for ‘IS 2328 : 1985’.

(Page 2, clause **11.2.1**) — Substitute for the following for existing clause

Amendment No. 2 to IS 2039 (Part 1 to 3) : 1991

‘11.2.1 BIS Certification Marking

Each bundle or crate package may also be marked with the Standard Mark.

11.2.1.1 The use of standard mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of conditions under which license for the use of standard mark may be granted to manufacturers or producer may be obtained from Bureau of Indian Standard.’

(Page 6, Table 10) — Substitute the following for the existing Table 10:

Table 10 Tolerance Outside Diameter (CEW)
(Clause 5.2.1)

Over	Up to and Including	As Drawn $D/t \leq 40$ as Annealed / Normalized $D/t \leq 20$ Condition	Annealed/ Normalized Condition $20 < D/t \leq 40$	All Condition $D/t > 40$
	mm	mm	mm	
(1)	(2)	(1)	(4)	(5)
—	30	+0.03	+0.05	+0.08
		-0.13	-0.15	-0.18
30	44.5	+0.05	+0.08	+0.1
		-0.15	-0.18	-0.2